

ABSTRACT

Mechanisms for mounting, opening, closing and releasing a door assembly relative to a mounting structure are provided. The mechanisms employ a first structure that defines at least one elongated guide channel and a latching subassembly that is adapted to be
5 mounted with respect to the foregoing guide channel(s) and to rotate with respect thereto. Rotation of the latching assembly with respect to the guide channel(s) allows a latching region, e.g., a V-shaped latching region, to move between a first position (wherein the latching region is adapted to receive a mounting structure) and a second position (wherein the latching region cannot receive a mounting structure). In the second position, the
10 latching region (in combination with the guide channel) is structured to capture a mounting structure (e.g., a projection associated with a cable management system) therewithin. Methods for use of the door assembly and latching subassembly are provided, as well as particular utilities thereof, e.g., rack-mounting applications.

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